## **CNR2 Rabbit Polyclonal Antibody**



## **CAB1762**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

45kDa

**Calculated MW:** 

39kDa

JJKDU

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

**Protein Background** 

The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors.

Immunogen information

**Gene ID:** 1269

**Uniprot** P34972

**Synonyms:** 

**Antibody Information** CNR2; CB-2; CB2; CX5

**Recommended dilutions:** 

WB 1:500 - 1:2000 IHC 1:50

- 1:100

Source:

Rabbit

Immunogen:

A synthetic peptide corresponding to a sequence within amino

acids 1-100 of human CNR2 (NP\_001832.1).

Isotype: Storage:

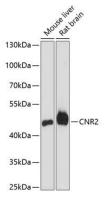
IgG Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

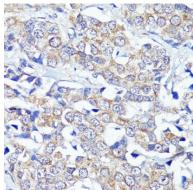
**Purification:** 

Affinity purification

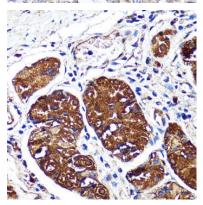
## **Product Images**



Western blot analysis of extracts of various cell lines, using CNR2 antibody (CAB1762) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human breast cancer using CNR2 antibody (CAB1762) at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CNR2 antibody (CAB1762) at dilution of 1:150 (40x lens).